

Kruskal tests for EC by joint L by Age

Kruskal-Wallis test for EC for shoulder by Age_new

Table 1: Kruskal-Wallis test for EC shoulder Age_new

statistic	p.value	parameter	method
21.58848	0.00002051736	2	Kruskal-Wallis rank sum test

Table 2: Posthoc test for shoulder by Age

group1	group2	p.value
Mature	Adult	0.0002742785
Senile	Adult	0.0002742785
Senile	Mature	0.3480901618

Table 3: Effect size for shoulder by Age

.y.	group1	group2	effsize	n1	n2	magnitude
EC	Adult	Mature	0.4187417	45	39	moderate
EC	Adult	Senile	0.4738606	45	20	moderate
EC	Mature	Senile	0.1232004	39	20	small

Kruskal-Wallis test for EC for elbow by Age_new

Table 4: Kruskal-Wallis test for EC females by Age_new

statistic	p.value	parameter	method
21.3782 3	0.00002 279169	2	Kruskal- Wallis rank sum test

Table 5: Posthoc test for elbow by Age

group1	group2	p.value
Mature	Adult	0.00154 92101
Senile	Adult	0.00031 80859
Senile	Mature	0.02785 83916

Table 6: Effect size for elbow by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	Adult	Mature	0.52706 22	21	20	large
EC	Adult	Senile	0.73761 63	21	7	large
EC	Mature	Senile	0.42860 82	20	7	moderat e

Kruskal-Wallis test for EC for forearm by Age_new

Table 7: Kruskal-Wallis test for EC forearm Age_new

statistic	p.value	parameter	method
34.2111	0.00000 0037252 34	2	Kruskal- Wallis rank sum test

Table 8: Posthoc test for forearm by Age

group1	group2	p.value
Mature	Adult	0.00125656029802
Senile	Adult	0.00000005385982
Senile	Mature	0.00790128241774

Table 9: Effect size for forearm by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	Adult	Mature	0.3405578	58	43	moderat e
EC	Adult	Senile	0.6185924	58	25	large
EC	Mature	Senile	0.3228949	43	25	moderat e

Kruskal-Wallis test for EC for hip by Age_new

Table 10: Kruskal-Wallis test for EC hip by Age_new

statistic	p.value	paramet er	method
52.64422	0.0000000000003702147	2	Kruskal-Wallis rank sum test

Table 11: Posthoc test for hip by Age

group1	group2	p.value
Mature	Adult	0.00000 0011696 55
Senile	Adult	0.00000 0011696 55
Senile	Mature	0.00565 3792671 61

Table 12: Effect size for hip by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	Adult	Mature	0.50685 70	67	65	large
EC	Adult	Senile	0.61005 64	67	26	large
EC	Mature	Senile	0.29054 90	65	26	small

Kruskal-Wallis test for EC for knee by Age_new

Table 13: Kruskal-Wallis test for EC knee Age_new

statistic	p.value	paramet er	method
15.6533 4	0.00039 89518	2	Kruskal- Wallis rank sum test

Table 14: Posthoc test for knee by Age

group1	group2	p.value
Mature	Adult	0.00096 31273
Senile	Adult	0.00593 86643
Senile	Mature	0.51119 57232

Table 15: Effect size for knee by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	Adult	Mature	0.57839 76	16	23	large
EC	Adult	Senile	0.59989 23	16	9	large
EC	Mature	Senile	0.11988 46	23	9	small

Kruskal-Wallis test for EC

Table 16: Kruskal-Wallis test for EC foot by Age_new

statistic	p.value	paramet er	method
26.9779 5	0.00000 1386154	2	Kruskal- Wallis rank sum test

Table 17: Posthoc test for foot by Age

group1	group2	p.value
Mature	Adult	0.00004 061036
Senile	Adult	0.00011 336785
Senile	Mature	0.03250 839148

Table 18: Effect size for foot by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	Adult	Mature	0.63627 29	25	22	large
EC	Adult	Senile	0.65568 82	25	13	large
EC	Mature	Senile	0.36434 36	22	13	moderat e

Table 19: *Kruskal-Wallis for the EC scores of all functional areas by Age*

statistic	p.value	paramet er	method
21.5884 8	0.00002 0517355 692355	2	Kruskal- Wallis rank sum test
21.3782 3	0.00002 2791692 379533	2	Kruskal- Wallis rank sum test
34.2111 0	0.00000 0037252 337100	2	Kruskal- Wallis rank sum test
52.6442 2	0.00000 0000003 702147	2	Kruskal- Wallis rank sum test
15.6533 4	0.00039 8951847 681099	2	Kruskal- Wallis rank sum test
26.9779 5	0.00000 1386154 128114	2	Kruskal- Wallis rank sum test